

SAN HTUT

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EDUCATION

University of California, Los Angeles (UCLA)

Bachelor of Science in Data Science

Graduated 08/2026

SKILLS & COURSEWORK

Programming: R, C++, Python, SQL
Languages: Burmese (Native), English (Bilingual), Chinese (Conversational)
Libraries & Tools: Pandas, NumPy, ggplot2, tidyverse, Git
Coursework: Computational Statistics, Monte Carlo Methods, Statistical Consulting, Design & Analysis of Experiments, Linear Models & Regression, Mathematical Modeling

PROJECTS

Factorial Experimental Design & ANOVA Modeling

Statistical Analyst & Researcher | 2x3 Factorial Experimental Design Project

- Designed a 2x3 randomized block factorial experiment in R, controlling geographic variance via nuisance blocking.
- Conducted power analyses and stratified randomization in R to determine optimal sample size and mitigate confounding bias.
- Modeled two-way ANOVA and interaction effects, visualizing key multivariate findings with ggplot2 for stakeholders.

Multivariate Logistic Regression & Spatio-Temporal Analytics

Data Analyst / Researcher | Characterizing Law Enforcement Response to Vehicle Theft in Los Angeles

- Built an R data pipeline to clean, de-identify, and query 1M+ LAPD records, isolating 115,000+ vehicle theft cases.
- Trained multivariate logistic regression models, identifying statistically significant ($p < 0.05$) temporal and spatial risk factors.
- Ran longitudinal time-series decompositions to detect neighborhood crime surges and guide targeted resource allocation.

Machine Learning Pipelines & Survival Analysis on UCLA Administrative Data

Data Science Consultant & Researcher | Statistical Modeling & Survival Analysis of Large-Scale UCLA Administrative Data

- Integrated 100K+ relational enrollment records to evaluate long-term instructional demand and post-COVID shifts.
- Deployed predictive models (Logistic Regression AUC = 0.7494, Random Forests) to forecast course under-enrollment risks.
- Modeled student attrition with Kaplan-Meier survival curves, delivering actionable curriculum consolidation strategies.

WORK EXPERIENCE

Tpumps | Cupertino, CA

Boba Barista (03/2023–11/2023) | Lead Supervisor (11/2023–Present)

- Directed daily shift operations, delegating workflow assignments across team members to optimize order throughput during peak business hours.
- Managed inventory auditing, restock schedules, and facility quality inspections while authoring comprehensive end-of-shift reports.
- Coached and onboarded new team members on beverage quality standards, operational speed, and company policy compliance.

McDonald's | Cupertino, CA

Cashier (01/2019–03/2023)

- Processed high-volume cash and POS transactions with consistent register accuracy in a fast-paced environment.
- Resolved customer inquiries efficiently while adhering strictly to food safety, sanitation, and inventory staging protocols.